

Appln No. 09/838,695  
Amdt date October 4, 2004  
Reply to Office action of July 2, 2004

REMARKS/ARGUMENTS

The above identified patent application has been amended and reconsideration and reexamination are hereby requested. Claims 1-43 are now in the application. Claims 1, 10, 20, 31, 36-38, 41 and 42 have been amended. No Claims have been added or canceled by this amendment.

In the specification, the paragraph beginning on page 1, line 27 and ending at page 2, line 3 has been amended to correct a minor typographical error.

The Examiner has rejected Claims 1-43 under 35 U.S.C. §102(e) as being anticipated by Akatsu et al. (US patent 6,633,547) ("Akatsu").

The Applicant has amended Claim 1 to call in part for, "wherein the dominant program displays data concurrently with other programs while not being obscured by the other programs". As such, the Applicant submits that Claim 1 is not anticipated by Akatsu under 35 U.S.C. §102(e).

Akatsu does not disclose a master persistence attribute such that, when assigned to a dominant program, that dominant program is capable of displaying data concurrently with other programs while not being obscured by the other programs as currently claimed in Claim 1 of the present application. Akatsu generally discloses "communication and control technologies [for] home entertainment systems" (Col. 1, lines 28-30). More specifically, Akatsu discloses an improvement over the prior art

**Appln No. 09/838,695**

**Amdt date October 4, 2004**

**Reply to Office action of July 2, 2004**

where "home electronic devices, such as the compact disk (CD) player, digital-video disc (DVD) player, gaming systems, surround sound audio systems, hand held video cameras, etc." (Col. 1, lines 39-42) were connected and disconnected from a viewing apparatus such as a television using "switch boxes [which] were employed to cut down on the complexity of the interconnections between various devices" (Col. 1, lines 47-49).

In short, Akatsu discloses a method of arbitration whereby data from one of these devices at a time can be routed to a viewers home entertainment system and displayed. Akatsu does not disclose concurrent display of data, nor does it disclose a master persistence attribute which prevents one concurrent display from being obscured by another. The examiner cites column 6, lines 5-30 in support of the arbiter of claim 1. (Office action, p.2). However, Akatsu discloses in this section that "[a] physical layer 412 provides an arbitration service to ensure that only one node at a time is sending data." (Col. 6, lines 8-10, emphasis added)

Because Akatsu does not disclose "assigning the master persistence attribute to the dominant program, wherein the dominant program displays data concurrently with other programs while not being obscured by the other programs" as currently claimed in amended claim 1 of the present application, the Applicant submits that Claim 1 is not anticipated by Akatsu under 35 U.S.C. §102(e).

Claims 2-9 are dependent on Claim 1. As such, Claims 2-9 are believed allowable based upon Claim 1 and for the additional limitations contained therein.

Appln No. 09/838,695  
Amdt date October 4, 2004  
Reply to Office action of July 2, 2004

The Applicant has amended Claim 10 to call in part for "the persistence attribute enabling a program upon receipt to display data concurrently with other programs while not being obscured by the other programs" (emphasis added). Akatsu, on the other hand, discloses "[a] physical layer 412 [which] provides an arbitration service to ensure that only one node at a time is sending data." (Col. 6, lines 8-10, emphasis added). As such, the Applicant submit that Claim 10 is not anticipated by Akatsu under 35 U.S.C. §102(e). Claims 11-19 and 23-25 are dependent on Claim 10. As such, Claims 11-19 and 23-25 are believed allowable based upon Claim 10 and for the additional limitations contained therein.

The Applicant has amended Claim 20 to call for "[a] dominant program [which] displays data concurrently with other programs while not being obscured by the other programs". Akatsu, on the other hand, discloses "[a] physical layer 412 [which] provides an arbitration service to ensure that only one node at a time is sending data." (Col. 6, lines 8-10, emphasis added). As such, The Applicant submits that Claim 20 is not anticipated by Akatsu under 35 U.S.C. §102(e). Claims 21, 22, and 26-30 are dependent on Claim 20. As such, Claims 21, 22, and 26-30 are believed allowable based upon Claim 20 and for the additional limitations contained therein.

The Applicant has amended Claim 31 to call for (underlining added for emphasis) ...

Appln No. 09/838,695

Amdt date October 4, 2004

Reply to Office action of July 2, 2004

"an arbiter coupled with the display controller, the arbiter effecting the selectively transmitting by granting a persistence attribute according to a predetermined priority scheme to a window for displaying data on the display, the display controller selectively transmitting responsive to the arbiter,

wherein the video output writes data to a set of pixel memory locations which are later read by the display, and

wherein a window which has been granted the persistence attribute by the arbiter has exclusive access to a portion of the set of pixel memory locations"

Akatsu does not disclose a window which may be granted exclusive access to a portion of a set of pixel memory locations as currently claimed in amended claim 31. While Akatsu discloses an arbitration service which routes data to a display, data which is arguably stored in pixel form, this data is not displayed in a window which has access to a portion, rather than the entirety, of a set of pixel memory locations. As such, The Applicant submits that Claim 31 is not anticipated by Akatsu under 35 U.S.C. - §102(e). Claims 32-36 are dependent on Claim 31. As such, Claims 32-36 are believed allowable based upon Claim 31 and for the additional limitations contained therein.

The Applicant has amended Claim 37 to call for "wherein at least one of the plurality of dominant application programs displays data concurrently with other programs while not being

**Appln No. 09/838,695**  
**Amdt date October 4, 2004**  
**Reply to Office action of July 2, 2004**

obscured by the other programs". Akatsu, on the other hand, discloses "[a] physical layer 412 [which] provides an arbitration service to ensure that only one node at a time is sending data." (Col. 6, lines 8-10, emphasis added). As such, The Applicant submits that Claim 37 is not anticipated by Akatsu under 35 U.S.C. §102(e).

The Applicant has amended Claim 38 to call for "wherein the dominant program displays data concurrently with other programs while not being obscured by the other programs". Akatsu, on the other hand, discloses "[a] physical layer 412 [which] provides an arbitration service to ensure that only one node at a time is sending data." (Col. 6, lines 8-10, emphasis added). As such, The Applicant submits that Claim 38 is not anticipated by Akatsu under 35 U.S.C. §102(e). Claims 39 and 40 are dependent on Claim 38. As such, Claims 39 and 40 are believed allowable based upon Claim 38 and for the additional limitations contained therein.

The Applicant has amended Claim 41 to call for "wherein at least one of the plurality of dominant application programs displays data concurrently with other programs while not being obscured by the other programs". Akatsu, on the other hand, discloses "[a] physical layer 412 [which] provides an arbitration service to ensure that only one node at a time is sending data." (Col. 6, lines 8-10, emphasis added). As such, The Applicant submits that Claim 41 is not anticipated by Akatsu under 35 U.S.C. §102(e).

**Appln No. 09/838,695**  
**Amdt date October 4, 2004**  
**Reply to Office action of July 2, 2004**

The Applicant has amended Claim 42 to call for "wherein the dominant program displays data concurrently with other programs while not being obscured by the other programs". Akatsu, on the other hand, discloses "[a] physical layer 412 [which] provides an arbitration service to ensure that only one node at a time is sending data." (Col. 6, lines 8-10, emphasis added). As such, The Applicant submits that Claim 42 is not anticipated by Akatsu under 35 U.S.C. §102(e). Claim 43 is dependent on Claim 42. As such, Claim 43 is believed allowable based upon Claim 42 and for the additional limitations contained therein.

Accordingly, in view of the above amendment and remarks it is submitted that the claims are patentably distinct over the prior art and that all the rejections to the claims have been overcome. Entry of the amendment and reconsideration and reexamination of the above Application is requested.

The enclosed PTO-1449 forms were submitted by the Applicant on September 19, 2001 and October 16, 2001. The references listed thereon have not been initialed by the Examiner. It is respectfully requested that the Examiner return these forms to the Applicant after initializing the references indicating that they were expressly considered by the Examiner.


Appln No. 09/838,695

Amdt date October 4, 2004

Reply to Office action of July 2, 2004

Respectfully submitted,

CHRISTIE, PARKER & HALE, LLP

By   
Colin T. Dorrian  
Reg. No. 54,658  
626/795-9900

CTD/srh

CTD PAS586731.1-\*--10/4/04 1:15 PM



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT

*I hereby certify that this correspondence is being deposited with the U.S. Postal Service as first class mail in an envelope addressed to Commissioner of Patents and Trademarks, Washington, D.C. 20231 on September 19, 2001.*

*Kristen M. Geraci*  
Kristen M. Geraci

Applicant : Michael Dove  
Application No. : 09/838,695  
Filed : April 19, 2001  
Title : APPARATUS AND METHOD FOR PERSISTANT  
DISPLAY INTERFACE  
Grp./Div. : 2151  
Examiner : To be assigned  
Docket No. : 37618/JFO/B600

INFORMATION DISCLOSURE STATEMENT AND  
CERTIFICATION UNDER § 1.97(e)(1)

Assistant Commissioner for Patents  
Washington, D.C. 20231

Post Office Box 7068  
Pasadena, CA 91109-7068  
September 19, 2001

Commissioner:

In compliance with the duty of disclosure under 37 CFR §§ 1.56, 1.97 and 1.98, and in accordance with the provisions in the Manual of Patent Examining Procedure §§ 609 and 707.05(b), enclosed is FORM PTO-1449 with a listing of references that are known to applicant. Copies of each of the listed references are enclosed. Also enclosed is a copy of the International Search Report which issued in the corresponding PCT application.

It is respectfully requested that these references be considered in the examination of this application and identified on the list of references cited on the patent issuing on this application. Applicant also requests that an initialed copy of said FORM PTO-1449 be entered in the application file and returned to applicant with the next communication from the Office in accordance with MPEP § 609.

Applicant's undersigned attorney hereby certifies, in accordance with 37 CFR § 1.97(e)(1), that each item of information contained in the information disclosure statement was first cited



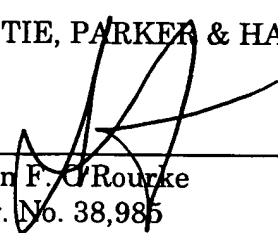
**Application No.09/838,695**

in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement.

Respectfully submitted,

CHRISTIE, PARKER & HALE, LLP

By

  
John F. O'Rourke

Reg. No. 38,985

626/795-9900

JFO/kmg

Enclosures: PTO 1449, w/references

International Search Report

KMG PAS381714.1-\* 9/19/01 3:55 PM

## INFORMATION DISCLOSURE

## STATEMENT BY APPLICANT

(use as many sheets as necessary)

Attorney Docket Number	37618/JFO/B600
Application Number	09/838,695
Filing Date	April 19, 2001
Applicant(s)	Michael Dove
Group Art Unit	2151
Examiner Name	To be assigned

## U.S. PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	6,031,530	02/2000	Trueblood	345	342	
	6,005,575	12/1999	Colleran et al.	345	344	
	5,640,498	06/1997	Chew	395	133	

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	0585191	03/1994	European Patent Office				

## OTHER DOCUMENTS

EXAMINER INITIALS	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.

EXAMINER SIGNATURE	DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

JFO/kmg


KMG IRV1048132.1.\*-9/19/01 4:02 PM



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

*I hereby certify that this correspondence is being deposited with the U.S. Postal Service as first class mail in an envelope addressed to Commissioner of Patents and Trademarks, Washington, D.C. 20231 on October 16, 2001.*

  
Deborah M. Meredith

Applicant : Michael Dove  
Application No. : 09/838,695  
Filed : April 19, 2001  
Title : APPARATUS AND METHOD FOR PERSISTENT  
DISPLAY INTERFACE  
Grp./Div. : 2151  
Examiner : Not Yet Assigned  
Docket No. : 37618/JFO/B600

**INFORMATION DISCLOSURE STATEMENT WITH FEE  
UNDER 37 CFR §§ 1.97(c) and 1.17(p)**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Post Office Box 7068  
Pasadena, CA 91109-7068  
October 16, 2001

Commissioner:

In compliance with the duty of disclosure under 37 CFR §§ 1.56, 1.97 and 1.98, and in accordance with the provisions in the Manual of Patent Examining Procedure §§ 609 and 707.05(b), enclosed is FORM PTO-1449 listing the references that are known to applicant. Copies of each of the listed references are enclosed.

It is respectfully requested that the listed references be considered in the examination of this application and identified on the list of references cited on the patent issuing for this application. Applicant also requests that an initialed copy of FORM PTO-1449 be entered in the application file and returned to applicant with the next communication from the Office in accordance with MPEP § 609.

Enclosed is the processing fee of \$180 as required by 37 CFR §1.17(p). The Commissioner is hereby authorized to charge any fees which may be required by this paper

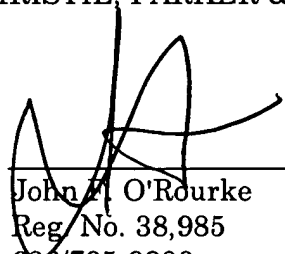
**Application No. 09/838,695**

to Deposit Account No. 03-1728. Please show our docket number with any Deposit Account transaction. **A copy of this paper is enclosed.**

Respectfully submitted,

CHRISTIE, PARKER & HALE, LLP

By

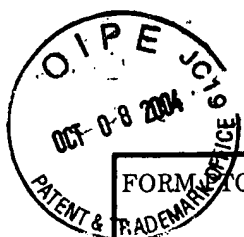


John P. O'Rourke  
Reg. No. 38,985  
626/795-9900

JFO/dmm

Enclosures: Check \$180  
Copy of IDS  
PTO-1449, w/references

DMM IRV1048949.1.\*-10/12/01 3:11 PM



FORM PTO-1449

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Attorney Docket Number	37618/JFO/B600
Application Number	09/838,695
Filing Date	April 19, 2001
Applicant(s)	Michael Dove
Group Art Unit	2151
Examiner Name	Not Yet Assigned

**U.S. PATENT DOCUMENTS**

EXAMINER INITIALS	DOCUMENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,469,540	11/1995	Powers, III et al.	395	158	

**FOREIGN PATENT DOCUMENTS**

EXAMINER INITIALS	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

**OTHER DOCUMENTS**

EXAMINER INITIALS	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	<u>Apple Computer, Inc. v. Articulate Sys., Inc.</u> , 234 F.3d 14, 57 U.S.P.Q.2d (BNA) 1057 (Fed. Cir. 2000)

EXAMINER SIGNATURE		DATE CONSIDERED	
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

JFO/dmm

DMM IRV1048948.1.\*-10/15/01 3:47 PM